

Hayden Smelter,Concentrator & Smithco Dust Sprays Daily Report Low Flow Summary

3Q 2019

Date	Location	Start Time	End Time	Minutes of Low Flow	Cause of Low Flow	Corrective Action Taken if Necessary (Include Date Corrective Action Done On)
07/30/19	9-belts water spray system @ Concentrator	1:30 PM	5:04 AM	N/A	Water supply solenoid valve was not working.	Repaired valve internal components. Back in service on 7/31/2019@5:04 AM total 15.5hrs
09/03/19	2-belts water spray system @ Concentrator	12:35 PM	9:16 AM	N/A	Water supply solenoid valve was not working.	Starting on 9/3/2019 the water supply solenoid valve was not working. Cleaned it /repaired internal components and back in service on 9/5/2019. Solenoid valve still not properly. Ordered a new one and installed it on 9/8/2019. On 9/10/2019 valve began sticking ordered another one. On 9/13/2019 installed the new water solenoid valve.
09/05/19	Smithco Crushing plant	10:04 AM	10:18 AM	14min	Still wet from previous day	Material was all ready sufficiently wet
09/06/19	Smithco Crushing plant	6:07 AM	6:19 AM	12min	Still wet from previous day	Material was all ready sufficiently wet
09/10/19	Lumber spur concentrator	8:39 AM	8:49 AM	10min	flow/PSI to low	Material was all ready sufficiently wet
09/11/19	Smithco Crushing plant	6:35 AM	7:08 AM	29min	flow/PSI to low	Material was all ready sufficiently wet
09/12/19	Track hopper concentrator	N/A	N/A	13min	flow/PSI to low	Sprays water pump was started on (hand)/manual.
09/13/19	Track hopper concentrator	N/A	N/A	13min	flow to low	Sprays water pump was started on (hand)/manual.
09/13/19	3& 5 belt drop point concentrator	N/A	N/A	48min	flow/PSI to low	The water supply line needs repaired (submitted a repair work order).
09/13/19	Smithco Crushing plant	12:10 PM	12:39 PM	29min	flow/PSI to low	Material was all ready sufficiently wet
09/14/19	Track hopper concentrator	N/A	N/A	32min	flow/PSI to low	Had flow and PSI but was fluctuating between set parameters
09/14/19	Smithco Crushing plant	12:33 PM	2:25 PM	128min	flow/PSI to low	Material was all ready sufficiently wet
09/15/19	Track hopper concentrator	N/A	N/A	32min	flow/PSI to low	Spray timer malfunction
09/16/19	Track hopper concentrator	N/A	N/A	89min	flow/PSI to low	Had flow and PSI but was fluctuating between set parameters
09/16/19	3& 5 belt drop point concentrator	6:04 AM	7:55 AM	152min	flow/PSI to low	The water supply line was taken out of service for repairs
09/16/19	Unloading Smelter	11:21 AM	11:25 AM	4min	flow/PSI to low	Spray timer malfunction
09/16/19	Smithco Crushing plant	N/A	N/A	240min	Rained on the previous day	Material was sufficiently wet
09/17/19	Track hopper Concentrator	N/A	N/A	27min	flow/PSI to low	Spray timer malfunction.
09/17/19	Smithco Crushing plant	10:38 AM	11:37 AM	49min	Rained on the previous day	Material was sufficiently wet
09/18/19	Track hopper Concentrator	N/A	N/A	20min	low low	Sprays water pump was started on (hand)/manual.
09/18/19	Smithco Crushing plant	6:29 AM	6:41 AM	61min	Still wet from previous day	Material was sufficiently wet
09/21/19	3& 5 belt drop point concentrator	9:04 AM	10:34 AM	91min	flow/PSI too low	Water spray psi high & low flow
09/21/19	Smithco Crushing plant	7:25 AM	7:35 AM	11min	flow/PSI too low	Increased flow
09/23/19	Smithco Crushing plant	N/A	N/A	N/A	Rained	Material was sufficiently wet
09/24/19	Smithco Crushing plant	N/A	N/A	N/A	Rained	Material was sufficiently wet
09/25/19	Smithco Crushing plant	N/A	N/A	N/A	Still wet from previous day	Still wet from the previous day
09/27/19	Smithco Crushing plant	N/A	N/A	N/A	Still wet from previous day	Material was sufficiently wet